| <br> | Claims |  |
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| Δn | plication | Control  | Nο |
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10/510,581 Examiner

Samuel E. Belt

Applicant(s)/Patent under Reexamination

Ιĸ

KOPP ET AL.

Art Unit

3746

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

| Cla   | im       | Date         |          |          | C        | Claim Date                                       |              |          |                                     |           |          |          |          | ſ        | Cla         | aim       | Date            |          |          |          |          |        |         |          |          |          |              |              |          |          |               |          |   |
|-------|----------|--------------|----------|----------|----------|--|--------------|----------|-------------------------------------|-----------|----------|----------|----------|----------|-------------|-----------|-----------------|----------|----------|----------|----------|--------|---------|----------|----------|----------|--------------|--------------|----------|----------|---------------|----------|---|
|       |          |              |          |          |          |  |              |          |                                     |           |          |          | ŀ        |          |             |           |                 |          | ΠĪ       | Ť        |          | $\neg$ | $\neg$  | _        |          |          |              |              |          |          |               |          |   |
| Final | Original | 10/24/06     |          |          |          |  |              |          |                                     |           | Final    | Original |          |          |             |           |                 |          |          |          |          |        | Final   | Original |          |          |              |              |          |          |               |          |   |
|       | 1        | _            |          |          |          |  |              |          |                                     |           |          | 51       | 1        | 1        |             |           | ヿ               | ヿ        | ╛        | 一        | ┑        | ı      |         | 101      |          | П        |              |              |          |          |               | ヿ        |   |
|       | 2        | $\vdash$     |          |          |          |  | $\vdash$     |          |                                     | $\neg$    |          | 52       | 1        | 1        |             |           |                 | _        | $\neg$   |          | 7        | ı      |         | 102      |          |          |              |              |          |          | $\neg$        | ヿ        |   |
|       | 3        |              |          |          | -        | -  |              |          |                                     |           |          | 53       |          | 1        |             |           |                 | $\neg$   | 一        |          | ┑        | ı      |         | 103      |          |          |              |              |          |          | $\neg$        | ヿ        |   |
|       | 4        | $\vdash$     |          |          | _        |  | -            |          |                                     |           |          | 54       | $\top$   |          |             |           | $\neg$          |          | 一        | _ -      | ┑        | ı      |         | 104      |          | П        |              |              |          |          | T             |          |   |
|       | 5        | -            | -        |          |          | <u> </u>   |              | $\vdash$ | П                                   | _         |          | 55       | T        | T        |             |           |                 | ╗        | T        | T        | ┪        | ı      |         | 105      |          |          |              |              |          |          | $\neg$        | $\neg$   | _ |
|       | 6        |              | _        |          |          |  |              | _        |                                     | $\neg$    |          | 56       | 1        | t        |             |           | $\neg$          | 寸        | 寸        | 1        | ヿ        | ı      |         | 106      |          | П        |              |              |          |          | $\Box$        |          |   |
|       | 7        | $\vdash$     | _        |          |          |  |              |          |                                     | $\neg$    |          | 57       |          |          |             |           |                 | $\neg$   | ヿ        | 1        | $\neg$   |        |         | 107      |          |          |              |              |          |          | $\Box$        |          |   |
|       | 8        |              |          |          |          | Т  |              |          |                                     |           |          | 58       | 1        |          |             |           |                 | $\neg$   | _        |          | 7        |        |         | 108      |          |          |              |              |          |          | T             | ヿ        |   |
|       | 9        |              |          |          |          | $\vdash$   |              |          |                                     |           |          | 59       |          | 1        | _           |           |                 |          | 一        | _        | $\neg$   | - [    |         | 109      |          |          |              |              |          |          | $\neg$        | $\neg$   | _ |
|       | 10       | _            |          |          |          |  |              |          |                                     |           |          | 60       |          |          |             |           |                 |          | _        |          | 7        | Ī      |         | 110      |          |          |              |              |          |          | $\Box$        |          |   |
|       | 11       |              |          |          |          |  |              |          |                                     |           |          | 61       |          |          |             |           |                 | T        | $\neg$   |          | П        | Ī      |         | 111      |          |          |              |              |          |          |               |          |   |
|       | 12       |              |          |          |          | Ι  |              |          |                                     |           |          | 62       |          |          |             |           |                 |          |          |          |          | Ī      |         | 112      |          |          |              |              |          |          |               |          |   |
|       | 13       | V            |          |          |          |  |              |          |                                     |           |          | 63       |          |          |             |           |                 |          |          |          |          | 1      |         | 113      |          |          |              |              |          |          |               |          |   |
|       | 14       | 1            |          |          |          |  |              |          |                                     |           |          | 64       |          |          |             |           |                 | $\Box$   |          |          |          | - [    |         | 114      |          |          |              |              |          |          |               |          |   |
|       | 15       | 1            |          |          |          |  |              |          |                                     |           |          | 65       | Ι        | Γ        |             |           |                 |          |          |          |          | Ţ      |         | 115      |          |          |              |              |          |          |               |          |   |
|       | 16       | 1            |          |          |          |  |              |          |                                     |           |          | 66       |          |          |             |           |                 | $\Box$   |          |          |          | [      |         | 116      |          |          |              |              |          |          |               |          |   |
|       | 17       | 1            |          |          |          |  |              |          |                                     |           |          | 67       |          |          |             |           |                 |          |          |          |          | [      |         | 117      |          |          |              |              |          |          | $\Box$        |          | _ |
|       | 18       | V            |          |          |          |  |              |          |                                     |           |          | 68       | Ι.       |          |             |           |                 |          |          |          |          | [      |         | 118      |          |          |              |              |          |          |               |          |   |
|       | 19       | 1            |          |          |          |  |              |          |                                     |           |          | 69       |          |          |             |           |                 |          |          |          |          | [      |         | 119      |          |          |              |              |          |          |               |          |   |
|       | 20       |              |          |          |          |  |              |          |                                     |           |          | 70       | Γ        |          |             |           |                 |          |          |          |          |        |         | 120      |          |          |              |              |          |          |               |          |   |
|       | 21       |              |          |          |          |  |              |          |                                     |           |          | 71       |          |          |             |           |                 |          |          |          |          |        |         | 121      | i        |          |              |              |          |          |               |          |   |
|       | 22       |              |          |          |          |  |              |          |                                     |           |          | 72       |          |          |             |           |                 |          | i        |          |          |        |         | 122      |          |          |              |              |          |          |               |          |   |
|       | 23       |              |          |          |          |  |              |          |                                     |           |          | 73       |          |          |             |           |                 |          |          |          |          |        |         | 123      |          |          |              |              |          |          |               |          |   |
|       | 24       |              |          |          |          |  | · ·          |          |                                     |           | Ĺ        | 74       |          |          |             |           |                 |          |          |          |          |        |         | 124      |          |          |              |              |          |          |               |          |   |
|       | 25       |              |          |          |          |  |              | Ĺ        |                                     |           |          | 75       |          |          |             |           |                 |          |          |          |          |        |         | 125      |          |          |              |              |          |          |               |          |   |
|       | 26       |              |          |          |          |  |              |          |                                     |           |          | 76       |          |          |             |           |                 |          |          |          |          |        |         | 126      |          |          |              |              |          |          | $\Box$        |          | _ |
|       | 27       |              |          |          |          |  |              | L.,      |                                     |           |          | 77       |          |          |             |           |                 |          |          |          |          | l      |         | 127      |          |          |              |              |          |          | _             |          |   |
|       | 28       |              |          |          |          |  |              |          |                                     |           | L        | 78       |          |          |             |           |                 |          |          |          | _        | l      |         | 128      |          |          |              |              |          |          |               |          |   |
|       | 29       |              |          |          |          |  |              |          |                                     |           | L        | 79       | _        |          | L           |           |                 |          |          |          |          | L      |         | 129      |          |          |              |              |          |          | $\dashv$      |          | _ |
|       | 30       |              |          |          |          |  |              |          |                                     |           |          | 80       | $\perp$  |          |             |           |                 |          |          |          |          | ļ      |         | 130      |          |          |              |              |          |          | $\dashv$      |          |   |
|       | 31       |              |          |          |          |  |              |          |                                     |           |          | 81       | 1        |          |             |           |                 |          |          |          |          |        |         | 131      |          |          |              |              |          |          |               |          |   |
|       | 32       |              |          |          |          |  |              |          |                                     |           |          | 82       | 1        | <u> </u> |             |           |                 |          |          |          |          |        |         | 132      |          |          |              | L.           |          |          | $\dashv$      |          | _ |
|       | 33       |              |          |          |          |  |              | L.,      |                                     |           |          | 83       | $\perp$  | $\perp$  | L           | $\square$ |                 |          |          |          | _        |        |         | 133      |          |          |              |              |          | _        |               | _        | _ |
|       | 34       | <u> </u>     | <u></u>  |          | L        |  | lacksquare   | Ľ        | Щ                                   | _         |          | 84       | 1        | 1        |             | Ш         |                 | _        |          | _        | _        | ļ      |         | 134      |          | <u> </u> | <u> </u>     | $\vdash$     |          | L        | ,             |          | _ |
|       | 35       | <u> </u>     | L        | Ш        |          | L.   | <u> </u>     | L_       | Щ                                   |           |          | 85       | _        | $\perp$  | Щ           | Ш         |                 |          |          | _        | $\dashv$ | ļ      |         | 135      |          | Ш        | <u> </u>     | <u> </u>     |          | <u> </u> | $\dashv$      |          | _ |
|       | 36       | <u> </u>     | <u> </u> | Щ        |          | <u> </u>   | L            | <u> </u> | Щ                                   |           |          | 86       | $\perp$  | $\vdash$ | <u> </u>    |           |                 | _        |          | _        | _        |        |         | 136      |          | Щ        | <u>L</u>     | <u> </u>     | <u> </u> |          | $\dashv$      | _        | - |
|       | 37       |              | L_       |          |          |  |              | _        | Щ                                   |           |          | 87       | 4        | 1        |             |           |                 | _        |          | _        | _        | ļ      |         | 137      |          |          | L.           | Ш            | <u> </u> |          |               | _        | _ |
|       | 38       | <u> </u>     | <b> </b> |          | _        | _  | L.           | <u> </u> | <u> </u>                            |           |          | 88       | 1        | ┞        | $\bigsqcup$ | Ш         | Ш               | _        |          | _        | $\dashv$ |        |         | 138      |          |          | <u> </u>     | <u> </u>     | <u> </u> |          |               | 4        | _ |
|       | 39       | <u> </u>     | <u> </u> | oxdot    | <u> </u> | <u> </u>   | <u> </u>     | <u> </u> |                                     |           |          | 89       | $\bot$   | $\vdash$ | <u> </u>    | Ш         |                 |          |          | $\perp$  | _        |        |         | 139      |          | $\vdash$ | <u> </u>     | <u> </u>     | <u> </u> |          | $\rightarrow$ | 4        | _ |
|       | 40       | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | L_           | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _         | <u> </u> | 90       | $\bot$   | -        | Щ           | Щ         | Ш               | $\sqcup$ | _        | $\dashv$ | _        | ļ      |         | 140      |          | <b></b>  | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> |               | _        | _ |
|       | 41       | <u> </u>     | _        | <b> </b> | L        | _  | <u> </u>     | L-       | $\vdash$                            |           |          | 91       | $\bot$   | $\vdash$ | <u> </u>    | Щ         | Ш               |          | _        |          | _        |        |         | 141      |          | $\vdash$ | <u> </u>     | <u> </u>     | ļ        | <u> </u> | $\dashv$      |          | — |
|       | 42       | <u> </u>     | <u> </u> | _        | <u> </u> | L  | L-           | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\sqcup$  | <u> </u> | 92       | <b>-</b> | ļ        | <u> </u>    | Ш         | Ш               | $\sqcup$ | _        | -        | _        |        |         | 142      | <u> </u> |          | <del> </del> | <del> </del> | <u> </u> | Ш        | $\dashv$      |          | - |
|       | 43       | <u> </u>     | <u> </u> |          | _        | <u> </u>   | <u> </u>     | <u> </u> |                                     | 4         |          | 93       | +        | 1        | <u> </u>    | $\vdash$  | $\vdash \vdash$ |          |          | $\vdash$ | $\dashv$ |        | <b></b> | 143      |          | $\vdash$ | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$ | ,—            | _        | _ |
|       | 44       | <u> </u>     | _        | <u> </u> | <u> </u> | <u> </u>   | <del> </del> | <u> </u> | <u> </u>                            | $\dashv$  |          | 94       | 4_       |          | <u> </u>    | Щ         | Щ               | $\dashv$ | _        | -        | 4        |        |         | 144      |          |          | <del> </del> |              | <u> </u> | $\vdash$ | $\dashv$      |          | _ |
|       | 45       | <u> </u>     | <u> </u> |          | _        | <u> </u>   | ــــ         | <u> </u> | <u> </u>                            | $\dashv$  |          | 95       | +        | ┼        | _           | Н         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | $\dashv$ |        |         | 145      | <u> </u> | $\vdash$ | $\vdash$     | <u> </u>     | <u> </u> | <b> </b> |               |          | _ |
|       | 46       | <u> </u>     | <u> </u> | _        | L        | ┞  | <u> </u>     | <b> </b> |                                     | Ц         |          | 96       | +-       | ┼        |             | Щ         | Ш               |          |          | -        | $\dashv$ | }      |         | 146      |          |          | <u> </u>     |              | _        | $\vdash$ | $\dashv$      |          |   |
|       | 47       | <del> </del> | ├        |          | -        | ├-   | <u> </u>     | ⊢        |                                     | $\dashv$  |          | 97       |          | -        | <u> </u>    | Н         | Н               | _        | $\dashv$ | $\vdash$ | $\dashv$ | ļ      |         | 147      | _        |          |              | -            | _        |          | $\dashv$      |          | _ |
|       | 48       | <u> </u>     | <u> </u> | ├-       | $\vdash$ | <del>                                     </del> | <del> </del> | $\vdash$ | $\vdash$                            | $\square$ | ļ        | 98       | +-       | +-       | <u> </u>    | Н         | Н               |          | -        |          | $\dashv$ | ŀ      |         | 148      |          |          | $\vdash$     |              | -        | $\vdash$ | -             | $\dashv$ |   |
|       | 49       | -            | ├        | ⊢        |          | -  | <u> </u>     | $\vdash$ | <u> </u>                            | _         | <u> </u> | 99       | +        | $\vdash$ | -           | Н         | Н               | -        | -        | $\vdash$ | $\dashv$ | }      |         | 149      |          |          | ├-           | $\vdash$     | $\vdash$ | -        | -             |          | _ |
|       | 50       | 1            | ı        |          | 1        | 1  | l .          |          |                                     |           | ı        | 100      | )        | 1        | l           | 1         |                 |          |          | L_I      |          |        |         | 150      |          | 1        | l            | 1            | İ        | ı        | لـــــا       | !        | i |